

U. S. DEPARTMENT OF AGRICULTURE  
BUREAU OF BIOLOGICAL SURVEY

Form Bi-689

FIELD DIARY

Mr. E. A. Goldman

(Official title.)

Period, Nov. 28 to Dec. 13, 1926

Arizona (Grand Canyon)-  
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(Sun)  
Nov. 28, 1926. at Berkeley,  
Calif.

Made trip with Geo. Tonkin  
into Sacto Valley to get an idea of  
duck situation, but heavy rains  
prevented us from hearing much.  
Visited Huffst's Bushman's place  
near Valley and learned that  
since the rain came most of  
the ducks were reported to have  
left - especially the spring usually  
the most abundant species.  
Very light bells were reported  
and in most <sup>places</sup> cases no hunting  
was attempted.

We saw one car bringing in  
a few Canada geese.

(Mon)  
Nov. 29. Berkeley to  
Dinuba. Left Berkeley 12:25 P.M.;  
arrived Dinuba 8:14 P.M.

(Tue)  
Nov. 30. On ~~of~~ annual  
leave until 8:14 P.M. when  
official travel was resumed.

Dec. 1 (Wed). Arrived Lees  
Avoyles 7:40 A.M. left at 9:05 A.M.  
and arrived Phoenix about 11:38 P.M.

Dec. 2 (Thurs.) Phoenix, <sup>Ariz.</sup>  
Spent part of day at office and  
in afternoon saw Governor and  
state game warden.

Dec. 3. (Fri.) Phoenix, Ariz.  
Trip made with state game  
warden to Mesa, where inspection

Dec 3 con.

was made of buffaloes - 4 young  
from House Rock Valley herd.  
Also of 6 mule deer fawns from  
Kaibab, and white-tailed  
deer from Panawa - also deer  
from elsewhere. A buck about  
3 years old, said to be from  
Panawa is in a pen with a  
mule deer doe. ~~on~~ Hair scraped  
from the flanks of the doe  
indicates that the buck has  
been attempting to copulate  
with her. The Panawa buck  
~~is~~ shows by his size that  
the white-tail of that country  
is a small species.

Brocket. A pair of this species  
from Panawa was seen at a  
ranch not far from Mexa. They

Dec. 3 con.

are said to be about 3 years old. They look quite smooth, having recently shed their summer coats. Reddish hairs appear, especially along the posterior edges of the hairs. In the main however they are quite dark-blackish on the face and slaty ~~on~~ dark gray over much of the body.

Game at Governor's place. We visited the Governor's place, near Phoenix where game of various kinds are being bred. These include especially wild turkeys, Gambel quail, ring-neck, golden and silver pheasants, several Merriam's quail, and some chachalacas.

Dec. 4 (Sat.), Phoenix,  
Ariz.

Spent early morning with Mr.  
Bumsted and remainder of day  
with Fitchrich, Horn and Taylor  
at office.

Dec. 5 (Sun), Phoenix,  
Ariz. No official work.

Dec. 6 (Mon) Phoenix

Left Phoenix 6:10 AM.

Looked at maps of section up  
along Blue (Gorn) north of  
2:30 PM, and report of them  
on fork of Santa Maria a branch  
of Bill Williams River east to  
a lake north of Grand Valley.  
Another described from  
Tortilla Flat about 40 mi. N.  
+ E. of Phoenix.

Dec. 6 con.

Stor. Orcutt, slides seen not infrequently. Signs on Salt River from Bonanza to above dam and up Black River 40 or 50 miles and a short distance up White River.

Jaguar One killed near Laramie about 20 in. (1857) by Jack Funk Big 3 probably one first seen on Rose Peak, ~~the~~ 3 years ago this winter. Another killed on Rose Pk. about 12 years ago according to newspaper. One just killed west of Nogales in Arizona following. M. G. Gassman killed one north of Superior about 18 years ago. W. F. Chittor has killed about 3 in Pinon Hills. Hurman saw and killed one in Santa Anita



Dec 6 con.  
Mts. 2 years ago.

Dec. 7 Grand Canyon.  
Arrived G.C. 8.20 A.M.; was met by  
Asst. Supt. Bolton who arranged for me to  
go down to Hermit Creek at once.  
Arrived Hermit camp 4 P.M. Day rainy.

Dec. 8. Hermit Camp, Ariz.  
Raining all day and unable to  
do much. Some pictures secured of  
antelope in morning.

Antelope. Watched feeding today  
on cat claw (Acacia greggii) and  
Coloogyne ramosissima. C. F. Welsh  
attended to antelope and furnished  
considerable information. Bucks  
fought a great deal during rutting  
season from about Sept. 15 to Oct.  
15. Horns shed about a month after



Dec. 8 am.

end of rutting season. Stool horns  
of fairly large size with strongly  
incurred points. New horns next  
five or ~~to~~ six inches long with  
sharp nearly straight points. ~~Doe~~  
~~have~~ One doe has horns about  
2 inches long that ~~appear~~ are  
loose, but have not been shed.  
Other does have very short  
horns that show no signs of being  
shed. Three fawns are now  
with the little band ~~born~~ from this  
year - possibly other fawns were  
born. Band now numbers 10 - 3 of  
and three yg. does and four old  
bucks. All are in good condition  
except one of the bucks that  
suffered for a long time through  
inflammation of an eye lost probably  
in combat.

Dec 9<sup>th</sup> (Thurs), Hermit  
Camp.

Weather had cleared this morning  
and some pictures were attempted  
but movie camera stuck after  
about 2 rolls had been exposed.

Forage. Grass on little bunches <sup>near</sup> ~~the~~  
Hermit Camp seems to me to have  
improved since last visit  
although the summer has been  
very "dry". Not appreciably  
affected by antelope which appear  
to favor only certain species.  
Antelope ~~to~~ observed, browsing a  
number of shrubs ~~and some at~~  
least's claw, cliff rose in canyons,  
leucosyeme on plateau, Ephedra. Said  
by Walsh to browse sparingly  
many things. They <sup>also</sup> eat loose popus,  
sage and even much cool lettuce  
from bags. Now being fed about 2 gal

Dec 9 con.

of rolled barley night and morning - a sack of grain lasts about a week. While they come readily to the feed and look expectantly for it they do not show great eagerness for it. After a few months they will wander off and stand for awhile, perhaps returning later for more feed.

Returned to Grand Canyon in afternoon and left at 8 P.M. for Washington.

Dec 10 - 12

En route Grand Canyon to Washington.

Dec 13

Arrived Washington, D.C. 9 A.M.

N E. Goldman

321 - West Jefferson St.

Phoenix

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Look up skins & skulls of  
Togaa sent in by Murgame  
from Ariz.

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